

WHAT IS CLAIMED IS:

1. A method of producing a negative electrode material composed of a mixture of a non-carbon material and a carbon material, comprising the step of:

pulverizing and classifying each of the non-carbon material and the carbon material in an inert gas atmosphere.

2. A method of producing a negative electrode material composed of a mixture of a non-carbon material and a carbon material, comprising the step of:

mixing the non-carbon material and the carbon material in an inert gas atmosphere.

3. A method of producing a negative electrode by applying a negative electrode black mix containing a negative electrode material composed of a mixture of a non-carbon material and a carbon material on a negative electrode collector and drying the negative electrode black mix, comprising the step of:

applying the negative electrode black mix on the negative electrode collector and drying the negative electrode black mix in an inert gas atmosphere or a dry air atmosphere.

4. A method of producing a negative electrode using a negative electrode black mix containing a

negative electrode material composed of a mixture of a non-carbon material and a carbon material, comprising the step of:

hot-pressing the negative electrode black mix.

5. A method of producing a negative electrode according to claim 4, wherein said hot-pressing step is performed in an inert gas atmosphere or a dry air atmosphere.

6. A method of producing a non-aqueous electrolyte battery, including a positive electrode containing a lithium composite oxide; a negative electrode containing a negative electrode material composed of a mixture of a non-carbon material in or from which lithium is doped or released and a carbon material, said negative electrode being disposed opposite to the positive electrode; and a non-aqueous electrolyte interposed between the positive electrode and the negative electrode, said method comprising the step of:

winding the negative electrode into a wound body in an inert gas atmosphere or a dry air atmosphere.

7. A method of producing a non-aqueous electrolyte battery, including a positive electrode containing a lithium composite oxide; a negative electrode containing a negative electrode material composed of a mixture of a

non-carbon material in or from which lithium is doped or released and a carbon material, said negative electrode being disposed opposite to the positive electrode; and a non-aqueous electrolytic solution used as a non-aqueous electrolyte interposed between the positive electrode and the negative electrode, said method comprising the step of:

pouring the non-aqueous electrolytic solution in the non-aqueous electrolyte battery in an inert gas atmosphere or a dry air atmosphere.